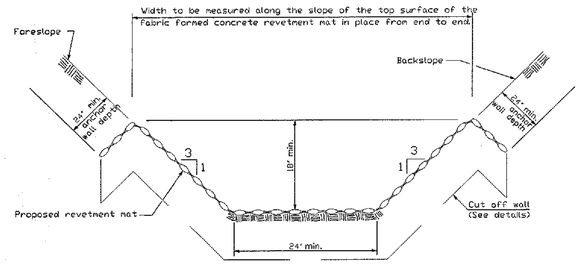
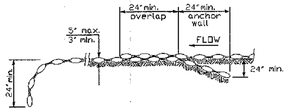
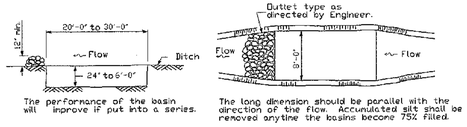


TYPICAL FABRIC FORMED CONCRETE REVETMENT MAT LINED DITCH



CUT OFF WALL DETAILS & TYPICAL LAP JOINTS W/ANCHOR WALL

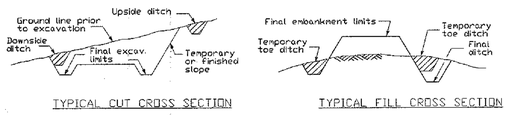


The performance of the basin will improve if put into a series.

The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

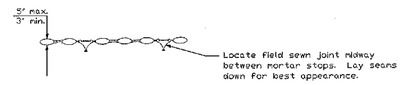
ELEVATION PLAN

SEDIMENT BASIN

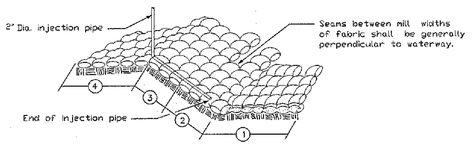


TYPICAL CUT CROSS SECTION TYPICAL FILL CROSS SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS



TYPICAL SECTION THRU FILTER POINT MAT



INSTALLATION DETAILS

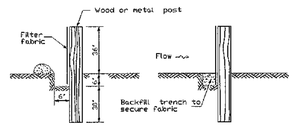
1. In placing inserts through fabric use care to avoid breaking drop stitches.
2. (1) Indicates sequence of pour.

NOTES:

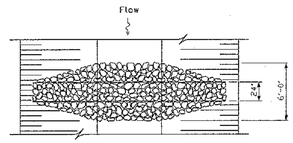
Dimensions given with minimum limits shall be adjusted for field conditions as directed by the Engineer.

All anchor walls on side slopes and at lap joints, as well as cut off walls, shall be installed in trenches.

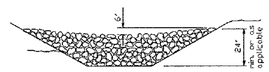
Cut off walls shall be installed at the upstream and downstream ends.



SILT FILTER FENCE AS A PERIMETER EROSION BARRIER

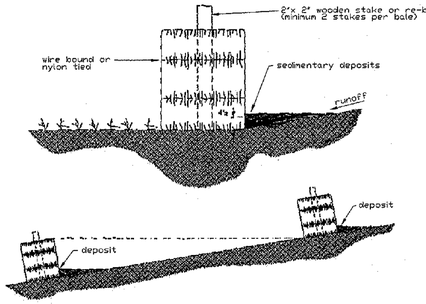


PLAN



ELEVATION

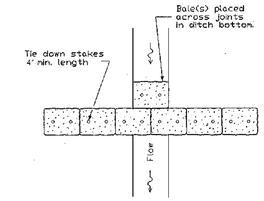
AGGREGATE DITCH CHECK



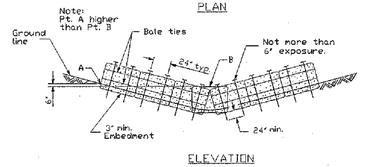
STRAW BALE SEDIMENT BARRIER

NOTES:

1. Construct straw bale filters to prevent sediment from entering watercourses, impoundments, springs, wetlands and roadways
2. Place parent material as shown on upstream side of straw bales to prevent undermining.
3. Construction personnel to walk on bales after placement to set cut fibers into ground.
4. Maintain straw bale floors by removing collected sediment and replacing damaged bales.
5. Where several rows of bales are installed on a slope for longer term protection, erosion will be minimized if the top of the downslope bale is on the same slope as the bottom of the next row up.



PLAN



ELEVATION

ROLLED EXCELSIOR OR STRAW BALES FOR DITCH CHECK

NOTES:

The dimensions and installation methods for ditch checks shall be the same for perimeter erosion barriers and inlet and outlet protection unless otherwise specified.

NOTES:

These details are all typical details and shall be reconfirmed by the city of Blythe at the time of final design.

DSGN.		REVIEWED	
CHKD.		CIVIL	NRP
DWN.	DC	MECH.	
CHKD.		ELECT.	
SUBM.			
PROJECT MANAGER RCP			

REV. NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
R01	9/20/02	FOR DRAFT SWPPP	DC	NRP	RCP

BLYTHE ENERGY PROJECT PHASE II
BLYTHE, CALIFORNIA

TYPICAL DETAILS

SCALE= 1/4"=1'-0" D SIZE

PREPARED BY:
HARZA ENGINEERING COMPANY

MILWAUKEE, WISCONSIN	DATE 09/20/02	DWG.NO. 20549-00-0077-020	SHEET 1 OF 1

BLYTHE ENERGY PROJECT PHASE II

FIGURE 70-5
TYPICAL DETAILS

ANALYSIS AREA: RIVERSIDE CO., CALIFORNIA	
DATE: 09/2002	ArcView FILE: D:\BLYTHE\1135...FIG1-2.apr
PLOT SCALE: NTS	PREPARED BY: GF